

WHAT IS CLAIMED IS:

1. An image sensor comprising:
 - a) a plurality of pixels for absorbing incident light; and
 - b) an absorptive material spanning the pixels that absorbs wavelengths at a transition between a desired bandpass and rejection band.
2. The image sensor as in claim 1, wherein the material is a copper phthalocyanine cyan colorant.
- 10 3. The image sensor as in claim 1, wherein the transition is substantially between 600 to 700 nanometers.
4. The image sensor as in claim 1 further comprising a plurality of transitions at which there is a corresponding plurality of desired 15 bandpass and rejection bands.
5. The image sensor as in claim 1, wherein the material absorbs substantially equally at all wavelengths.
- 20 6. The image sensor as in claim 1, wherein the absorptive material is disposed either in or on a color filter.
7. The image sensor as in claim 1, wherein the absorptive material is disposed between the image sensor and a cover-glass.
- 25 8. The image sensor as in claim 1, wherein the absorptive material is layered on a cover-glass.
9. An image sensor comprising:
 - a) a plurality of pixels for absorbing incident light; and
 - b) a material spanning the pixels that absorbs wavelengths 30 at substantially all wavelengths to which the sensor responds.

10. The image sensor as in claim 9, wherein the material is copper phthalocyanine cyan colorant.

5 11. The image sensor as in claim 9, wherein the transition is substantially between 600 to 700 nanometers.

10 12. The image sensor as in claim 9 further comprising a plurality of transitions at which there is a corresponding plurality of desired bandpass and rejection bands.

13. The image sensor as in claim 9, wherein the absorptive material is disposed either in or on a color filter.

15 14. The image sensor as in claim 9, wherein the absorptive material is disposed between the image sensor and a cover-glass.

15. The image sensor as in claim 9, wherein the absorptive material is layered on a cover-glass.

20 16. A camera comprising:
an image sensor comprising:
a) a plurality of pixels for absorbing incident light; and
b) an absorptive material that absorbs wavelengths at a
25 transition between a desired bandpass and rejection band.

17. The camera as in claim 16, wherein the material is a copper phthalocyanine cyan colorant.

30 18. The camera as in claim 16, wherein the transition is substantially between 600 to 700 nanometers.

19. The camera as in claim 16 further comprising a plurality of transitions at which there is a corresponding plurality of desired bandpass and rejection bands.

5 20. The camera as in claim 16, wherein the absorptive material is disposed either in or on a color filter.

10 21. The camera as in claim 16, wherein the absorptive material is disposed between the image sensor and a cover-glass.

15 22. The camera as in claim 16, wherein the absorptive material is layered on a cover-glass.

23. A camera comprising;
an image sensor comprising:
a) a plurality of pixels for absorbing incident light; and
b) an absorptive material that absorbs wavelengths at substantially all wavelengths to which the sensor responds.

20 24. The camera as in claim 23, wherein the material is copper phthalocyanine cyan colorant.

25 25. The camera as in claim 23, wherein the transition is substantially between 600 to 700 nanometers.

26. The camera as in claim 23, wherein the absorptive material is disposed either in or on a color filter.

30 27. The camera as in claim 23, wherein the absorptive material is disposed between the image sensor and a cover-glass.

28. The camera as in claim 23, wherein the absorptive material is layered on a cover-glass.